

Diagnosis and Testing

Driveshaft

Preliminary Inspection

1. Visually inspect the CV joints for obvious signs of mechanical damage.
2. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step
3. If the cause is not visually evident, verify the symptom and REFER to Symptom Chart: NVH.

Symptom Chart(s)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Symptom Chart: NVH

Symptom Chart

Condition	Possible Sources	Actions
Driveline clunk - loud clunk when shifting from PARK or REVERSE to DRIVE	• Damaged or worn driveshaft flex coupling, CV joint and / or U-joint	• INSPECT the driveshaft flex coupling, CV-joint and / or U-joint for wear or damage. INSTALL a new flex coupling or driveshaft as necessary REFER to: Driveshaft Flexible Coupling (205-01 Driveshaft, Removal and Installation). REFER to: Rear Driveshaft (205-01 Driveshaft, Removal and Installation).
	• Driveshaft to Axle Circlip not seated, damaged or worn	• INSPECT the driveshaft CV joint connection to rear axle for excessive play Re-seat CV joint to axle or INSTALL a new Driveshaft to Axle Circlip. REFER to: Rear Driveshaft (205-01 Driveshaft, Removal and Installation). REFER to: Front Driveshaft (205-01 Driveshaft, Removal and Installation).
	• Driveshaft center bearing worn or damaged.	• CHECK center bearing for isolator damage or tears. INSTALL a new center bearing as necessary. REFER to: Driveshaft Center Bearing (205-01 Driveshaft, Disassembly and Assembly).
Driveline clunk “occurs as the vehicle starts to move forward following a stop	• Worn driveshaft flex coupling, CV joint and / or U-joint with excessive play	• INSPECT the driveshaft flex coupling, CV-joint and / or U-joint for a worn condition. INSTALL a new flex coupling or driveshaft if necessary. REFER to: Driveshaft Flexible Coupling (205-01 Driveshaft, Removal and Installation). REFER to: Rear Driveshaft (205-01 Driveshaft, Removal and Installation).
	• Driveshaft to Axle Circlip not seated, damaged or worn	• INSPECT the driveshaft CV joint connection to rear axle for excessive play Re-seat CV joint to axle or INSTALL a new Driveshaft to Axle Circlip. REFER to: Rear Driveshaft (205-01 Driveshaft, Removal and Installation). REFER to: Front Driveshaft (205-01 Driveshaft, Removal and Installation).